

SunPOWR™ AIO

All-in-One Solar Powered FAA Obstruction Light



The SunPOWR AIO is a solar powered dual L-810 system ready to bolt into place and turn on!

This all-in-one solar powered system puts L-810 obstruction lighting right where you need it, without having to connect to the power grid.

SunPOWR AIO is fully integrated for a fast and trouble-free installation on cranes, bridges, airport perimeters, and all kinds of towers (including utility transmission towers, telecom towers, MET towers, and radio towers).

SunPOWR AIO includes a rugged solar module, a sealed gel battery that never needs watering, a weatherproof NEMA 4X system enclosure (with prewired controller and battery), and a prewired dual L-810 LED lighting system (single light by special order). It's all attached to a single aluminum frame that you simply bolt it into place and turn on!

The standard model of SunPOWR AIO comes with battery capacity suitable for the majority of dual L-810 applications worldwide. Other configurations are available by special order. Get started by calling us about your project needs.

SunPOWR AIO Specifications

Photovoltaic Solar Modules

- High efficiency crystalline silicon
- Meets JPL Block V durability criteria
- Tempered glass & aluminum frame with junction box
- Listed to UL 1703 & ULC ORD-C1703

Gel Cell Sealed Batteries

- Sealed maintenance-free (never needs watering)
- Excellent deep-cycling performance
- Immobilized, non-spillable electrolyte
- Transports Easily and Safely

Charge/Load System Controller

- Field proven high efficiency design
- Temperature compensated charging
- Low voltage load disconnect
- UL listed

Battery/Control Enclosure & Solar Mount

- Completely pre-assembled
- Heavy duty aluminum solar mounting frame
- Weatherproof battery/controller enclosure
- Integrated solar array
- Color-coded, pre-cut wiring harness
- Color-coded, pre-wired system
- Easy-to-follow manual/system schematics



Prewired solar lighting controller

Lighting Control (Optional)

- Ten field adjustable lighting control options
- Manual test capability
- Detects day and night using the PV array

Compliance

Buy America Act and ARRA 2009
FAA Advisory Bulletin EB#76

SunPOWR AIO Model	Solar Wattage	Battery Capacity	Enclosure Rating	Lighting Control Option
60-108-12-SL	60	108Ahr	NEMA 4	Dusk/Dawn